

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

(A) NAME: BANNAN, JASON D.
(B) STREET: 5713 CEDAR WALK, NO. 401
(C) CITY: CENTREVILLE
(D) STATE OR PROVINCE: VIRGINIA
(E) COUNTRY: UNITED STATES OF AMERICA
(F) POSTAL CODE: 20121

(i) APPLICANT:

(A) NAME: VISVANATHAN, KUMAR
(B) STREET: 450 EAST 63RD STREET, APT. 4H
(C) CITY: NEW YORK
(D) STATE OR PROVINCE: NEW YORK
(E) COUNTRY: UNITED STATES OF AMERICA
(F) POSTAL CODE: 10021

(i) APPLICANT:

(A) NAME: ZABRISKIE, JOHN D.
(B) STREET: 1385 YORK AVENUE
(C) CITY: NEW YORK
(D) STATE OR PROVINCE: NEW YORK
(E) COUNTRY: UNITED STATES OF AMERICA
(F) POSTAL CODE: 10021

(ii) TITLE OF INVENTION: PEPTIDES USEFUL FOR
REDUCING SYMPTOMS OF TOXIC SHOCK SYNDROME
AND SEPTIC SHOCK

(iii) NUMBER OF SEQUENCES: 31

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: MORGAN & FINNEGAN
(B) STREET: 345 PARK AVENUE
(C) CITY: NEW YORK
(D) STATE: NEW YORK
(E) COUNTRY: USA
(F) ZIP: 10154

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: FLOPPY DISK
(B) COMPUTER: IBM PC COMPATIBLE
(C) OPERATING SYSTEM: MS-WINDOWS
(D) SOFTWARE: MS WORD 95

- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: TO BE ASSIGNED
(B) FILING DATE: 18 JUNE 1999
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 09/168,303
(B) FILING DATE: 07 OCTOBER 1998
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: PCT/US98/06663
(B) FILING DATE: 01 APRIL 1998
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 08/838,413
(B) FILING DATE: 07 APRIL 1997
(C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: MORRY, MARY J.
(B) REGISTRATION NUMBER: 34,398
(C) REFERENCE/DOCKET NUMBER: 2016-4010US2
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (212)758-4800
(B) TELEFAX: (212)751-6849

(2) INFORMATION FOR SEQ ID NO: 1:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN
- (ii) MOLECULE TYPE: PEPTIDE
- (xi) SEQUENCE DESCRIPTIONS:SEQ ID NO: 1:

Tyr Gly Gly Xaa Thr Xaa Xaa Xaa Xaa Asn
5 10

(3) INFORMATION FOR SEQ ID NO: 2:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTIONS:SEQ ID NO: 2:

Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asp Xaa Xaa
5 10
Xaa Arg Xaa Xaa Leu Xaa Xaa Xaa Xaa Xaa Tyr
15 20

(4) INFORMATION FOR SEQ ID NO: 3:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTIONS:SEQ ID NO: 3:

Cys Met Tyr Gly Gly Val Thr Glu His Glu Gly Asn
5 10

(5) INFORMATION FOR SEQ ID NO: 4:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTIONS:SEQ ID NO: 4:

Lys Lys Asn Val Thr Val Gln Glu Leu Asp Tyr Lys
5 10

(6) INFORMATION FOR SEQ ID NO: 5:

(ii) MOLECULE TYPE: PEPTIDE

Gly Cys

(ii) MOLECULE TYPE: PEPTIDE

Leu Tyr Gly Cys
25

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- (B) TYPE: AMINO ACID
- (C) STRANDEDNESS: UNKNOWN
- (D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Cys Met Tyr Gly Gly Val Thr Glu His Glu Gly Asn
5 10

Lys Lys Asn Val Thr Val Gln Glu Leu Asp Tyr Lys
15 20

Ile Arg Lys Tyr Leu Val Asp Asn Lys Lys Leu Tyr
25 30 35

(9) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 38
- (B) TYPE: AMINO ACID
- (C) STRANDEDNESS: UNKNOWN
- (D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Cys Met Tyr Gly Gly Val Thr Glu His Glu Gly Asn
5 10

Lys Lys Asn Val Thr Val Gln Glu Leu Asp Tyr Lys
15 20

Ile Arg Lys Tyr Leu Val Asp Asn Lys Lys Leu Tyr
25 30 35

Gly Cys

(10) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (C) STRANDEDNESS: UNKNOWN

(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Cys Met Tyr Gly Gly Val Thr Leu His Asp Asn Asn
 5 10

(11) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (C) STRANDEDNESS: UNKNOWN
- (D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

Cys Met Tyr Gly Gly Val Thr Glu His Asn Gly Asn
 5 10

(12) INFORMATION FOR SEQ ID NO: 11:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (C) STRANDEDNESS: UNKNOWN
- (D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

Cys Met Tyr Gly Gly Ile Thr Lys His Glu Gly Asn
 5 10

(13) INFORMATION FOR SEQ ID NO: 12:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (C) STRANDEDNESS: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(C) STRANDEDNESS: UNKNOWN

(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

Lys Lys Asn Val Thr Val Gln Glu Leu Asp Leu Gln
5 10

5

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Ala Arg Arg Tyr Leu Gln Glu Lys Tyr Asn Leu Tyr
15 20

15

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(20) INFORMATION FOR SEQ ID NO: 19:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24

(B) TYPE: AMINO ACID

(C) STRANDEDNESS: UNKNOWN

(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:

Lys Lys Lys Val Thr Ala Gln Glu Leu Asp Tyr Leu
5 10

5

10

Thr Arg His Tyr Leu Val Lys Asn Lys Lys Leu Tyr
15 20

15

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(21) INFORMATION FOR SEQ ID NO: 20:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24

(B) TYPE: AMINO ACID

(C) STRANDEDNESS: UNKNOWN

(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:

Lys Lys Ser Val Thr Ala Gln Glu Leu Asp Ile Lys
5 10

5

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Ala Arg Asn Phe Leu Ile Asn Lys Lys Asn Leu Tyr
15 20

(22) INFORMATION FOR SEQ ID NO: 21:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:

Lys Lys Asn Val Thr Val Gln Glu Leu Asp Ala Gln
5 10

Ala Arg Arg Tyr Leu Gln Lys Asp Leu Lys Leu Tyr
15 20

(23) INFORMATION FOR SEQ ID NO: 22:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH:
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:

Lys Lys Glu Val Thr Val Gln Glu Leu Asp Leu Gln
5 10

Ala Arg His Tyr Leu His Gly Lys Phe Gly Leu Tyr
15 20

(24) INFORMATION FOR SEQ ID NO: 23:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24
(B) TYPE: AMINO ACID

(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:

Lys Lys Asn Val Thr Leu Gln Glu Leu Asp Ile Lys
5 10

Ile Arg Lys Ile Leu Ser Asp Lys Tyr Lys Ile Tyr
15 20

(25) INFORMATION FOR SEQ ID NO: 24:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:

Lys Lys Met Val Thr Ala Gln Glu Leu Asp Tyr Lys
5 10

Val Arg Lys Tyr Leu Thr Asp Asn Lys Gln Leu Tyr
15 20

(26) INFORMATION FOR SEQ ID NO: 25:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:

Lys Asp Ile Val Thr Phe Gln Glu Ile Asp Phe Lys
5 10

Ile Arg Lys Leu Tyr Met Asp Asn Tyr Lys Ile Tyr
15 20

(27) INFORMATION FOR SEQ ID NO: 26:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 26:

Lys Lys Gln Val Thr Val Gln Glu Leu Asp Cys Lys
5 10

Thr Arg Lys Ile Leu Val Ser Arg Lys Asn Leu Tyr
15 20

(28) INFORMATION FOR SEQ ID NO: 27:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 27:

Lys Lys Gln Leu Ala Ile Ser Thr Leu Asp Phe Glu
5 10

Ile Arg His Gln Leu Thr Gln Ile His Gly Leu Tyr
15 20

(29) INFORMATION FOR SEQ ID NO: 28:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN

(ii) MOLECULE TYPE: PEPTIDE

Xaa Xaa Tyr Gly Gly Xaa Thr Xaa Xaa Xaa Xaa Asn
5 10

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 24
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 29:

Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asp Xaa Xaa
5 10

Xaa Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
15 20

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12
(B) TYPE: AMINO ACID
(C) STRANDEDNESS: UNKNOWN
(D) TOPOLOGY: UNKNOWN

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 30:

Cys Met Tyr Gly Gly Xaa Thr Xaa His Xaa Gly Asn
5 10

(i) SEQUENCE CHARACTERISTICS:

(ii) MOLECULE TYPE: PEPTIDE

Lys Lys Xaa Val Thr Xaa Gln Glu Leu Asp Xaa Xaa
5 10
Xaa Arg Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Tyr
15 20